

SAFETY DATA SHEET

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HEALTH & SAFETY DATA SHEET

TITLE 1 : Identification of the Substance / Preparation and Company**1.1. Identification of the preparation**

| | |
|----------------|--|
| Trade | ATMOSITY EFFECTS FLUIDS |
| Product Form : | Mixture |
| Product Name : | Premium Dry Snow Fluid Concentrate - APS - 1LC Premium Dry Snow Fluid Concentrate - APS - 4LC |

1.2. Relevant identified uses of the substance or mixture and uses**1.2.1. Relevant identified uses**

| | |
|---------------------------------|---|
| Use of the substance / mixture: | Liquid concentrate formulation to be used after dilution to produce an artificial snow effect for show's & party's - Dot not use directly - Concentrated liquid to be diluted before use according to the following dosage: 1 Liter of concentrate to add to 19 Liters of water to obtain 20L of snow liquid ready to use 4 Liters of concentrate to add to 79 Liters of water to obtain 80L of snow liquid ready to use Professional use and general public use |
|---------------------------------|---|

1.2.2. Uses deprecated

No additional information available

1.3. Identification of the company

ELATION LIGHTING , INC
6122 S. EASTERN AVE
LOS ANGELES , CA 90040 , USA
Email : support@elationlighting.com - www.elationlighting.com

1.4. Emergency Telephone Number

Emergency help line : 866 245 6726 - opening hours from 9am to 5pm

TITLE 2 : Hazards identification**2.1. Classification of the substance or mixture**

| | |
|-----------|----------------------------|
| Eye Dam 1 | Serious eye damage , cat 1 |
|-----------|----------------------------|

2.2. Label Elements

Contains: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs.,hydroxides, inner salts (CAS No.: 1334422-09-1) | D-Glucopyranose, oligomers, decyl octyl glycosides (CAS No.:68515-73-1)

Signal word Danger

Hazard pictograms



Hazard statements

| | |
|------|---------------------------|
| H318 | Causes serious eye damage |
|------|---------------------------|

Precautionary statements

| | |
|----------------|---|
| P102 | Keep out of reach of children. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P280 | Wear eye protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,if present and easy to do. Continue rinsing. |

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Version GHS US 2023**HEALTH & SAFETY DATA SHEET****2.2. Other hazards** /**2.4. Unknown acute toxicity** /**TITLE 3 : Composition / information on ingredients****3.1. Substance**

Not applicable

3.2. Mixture

| Chemical name | No | % | Class | Spec. concentrations |
|--|---|----------|-------------------|----------------------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N- dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts | CAS No. : Index No. : EC No. : 931-513-6 | 10 - 20 | Eye Dam. 1 - H318 | Not applicable |
| D-Glucopyranose, oligomers, decyl octyl glycosides | CAS No. : 68515-73-1 Index No. : EC No. : 500-220-1 | 5 - < 10 | Eye Dam. 1 - H318 | Not applicable |

TITLE 4 : First Aid**4.1. First aid indications**

Following skin contact : No information available

After eye contact : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion : When in doubt or if symptoms are observed, get medical advice.

4.2. Main symptoms and effects, acute and delayed

Symptoms and effect - Following inhalation : No information available

Symptoms and effect - Following skin contact : No data available

Symptoms and effect - After eye contact : Cause eye irritation / serious eye damage / irritation

Symptoms and effect - After ingestion : No information available

4.3. Indication of immediate medical attention and special treatment needed

No information available.

TITLE 5 : Measures against fire**5.1. Extinguishing Media**Suitable extinguishing media : Non combustible
Not flammable**5.2. Special hazards arising from the substance or mixture**

Special Hazards arising from the substance/ mixture No data available

Hazardous decomposition products No data available

TITLE 6 : Measures Accidental Release**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment

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6.2. Methods and materials for containment and cleaning up

| | |
|--------------------------------------|---|
| Methods and material for containment | No data available |
| Methods and material for cleaning up | Take up mechanically Wash with plenty of water |
| Inappropriate technic | No information available |

TITLE 7 : Handling and storage

7.1. Precautions for safe handling

| | |
|---|---|
| Recommendation: _ | It is recommended to design all work processes always so that the following is excluded: Eye contact |
| Advices on general occupational hygiene : _ | Wash hands before breaks and after work. |

7.2. Conditions for safe storage, including any incompatibilities


Keep only in the original container.
Store in a well ventilated area.

TITLE 8 : Exposure controls / personal protection

8.1. Control Parameters

No additional information available

8.2. Exposure controls

| | |
|--|---|
| Appropriate engineering controls: | No information available |
| Individual protection measures, such as personal | Spectacles with side protection |
| Protective equipment |  |

TITLE 9 : Physical and chemical properties

9.1. Basic physical and chemical properties Information

| | |
|-----------------|--------------------|
| Physical state: | Liquid |
| Colour : | Colorless |
| Odour : | no smell / neutral |

| | |
|-----------------------|-------------------|
| pH | 7 < V < 8 |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | No data available |
| Flash point | not applicable |
| Evaporation rate | No data available |
| flammability | not applicable |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Density | No data available |
| Solubility (Water) | No data available |
| Solubility (Ethanol) | No data available |

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| | |
|-------------------------------|-------------------|
| Solubility (Acetone) | No data available |
| Solubility (Organic solvents) | No data available |
| Log KOC | not applicable |
| Auto-ignition temperature | not applicable |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| Dynamic viscosity | No data available |

Particle characteristics

| | |
|-----------------------|-------------------|
| Particle size | No data available |
| Dustiness | No data available |
| Specific surface area | No data available |
| Shape | No data available |

9.2. Other informations

| | |
|--|-------------------|
| VOC content | 0 % |
| Minimum ignition energy | No data available |
| Conductivity | No data available |
| VOC Composite Partial Pressure (Calculated @20°C/68°F) | No data available |
| C.A.R.B. V.O.C. | No data available |
| % Photo Chemically Reactive | No data available |

TITLE 10 : Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions

10.4. Conditions to avoid

None under conditions of storage and handling recommendations (see section 7).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Does not decompose when used for intended use.

TITLE 11 : Toxicological informations

11.1. Information on hazard classes

Acute toxicity Not classified

Toxicity : mixture

| | |
|---------------------------------------|-------------------|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

Skin corrosion/irritation Not classified - No data available

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| | |
|-----------------------------------|---|
| Serious eye damage & irritation | Serious eye damage , category 1 - causes serious eye damage |
| | Irritating to eyes |
| | Risk of serious damage to eyes |
| Respiratory or skin sensitisation | Not classified - no data available |
| Germ cell mutagenicity | Not classified - no data available |
| Carcinogenicity | Not classified - no data available |
| Reproductive toxicity | Not classified - no data available |
| STOT - single exposure | Not classified - no data available |
| STOT - repeated exposure | Not classified - no data available |
| Aspiration hazard | Not classified |

11.2; Information on other hazards : No information available

TITLE 12 : Ecological informations

12.1. Toxicity Mixture :

| | |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

| | |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |
| % of biodegradation in 28 days | No data available |

12.3 - Bioaccumulative potential :

| | |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC | not applicable |

12.4 - Mobility in soil : No data available

TITLE 13 : Considerations Disposal

13.1. Waste treatment methods

| | |
|--|--|
| Waste treatment methods: | Waste disposal according to directive 2008/98/EC, coveringwaste and dangerous waste. |
| Sewage disposal | No information available |
| Special precautions for waste treatment | No special environmental measures are necessary |
| Community or national or regional provisions | Dispose of waste according to applicable legislation |

TITLE 14 : Transport informations

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

14.1. ONU number

| | |
|-----------------|----------------|
| N° ONU (ADR) : | Not applicable |
| N° ONU (IMDG) : | Not applicable |
| N° ONU (IATA) : | Not applicable |
| N° ONU (ADN) : | Not applicable |
| N° ONU (RID) : | Not applicable |

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14.2. Official shipping transport name ONU

| | |
|-------------------------------|----------------|
| Proper Shipping Name (ADR) : | Not applicable |
| Proper Shipping Name (IMDG) : | Not applicable |
| Proper Shipping Name (IATA) : | Not applicable |
| Proper Shipping Name (ADN) : | Not applicable |
| Proper Shipping Name (RID) : | Not applicable |

14.3. Hazard class for transport

| | |
|---|----------------|
| ADR Hazard class for transport (ADR) : | Not applicable |
| IMDG Hazard class for transport (IMDG) : | Not applicable |
| IATA Hazard class for transport (IATA) : | Not applicable |
| ADN Hazard class for transport (ADN) : | Not applicable |
| RID Hazard class for transport (RID) : | Not applicable |

14.4. Packing Group

| | |
|------------------------|----------------|
| Packing Group (ADR) : | Not applicable |
| Packing Group (IMDG) : | Not applicable |
| Packing Group (IATA) : | Not applicable |
| Packing Group (ADN) : | Not applicable |
| Packing Group (RID) : | Not applicable |

14.5. Environmental hazards

| | |
|--------------------------------|-------------------------------------|
| Dangerous for the environment: | No |
| Marine pollutant: | No |
| Other informations : | No additional information available |

14.6. Special precautions for user

| | |
|----------------------|-------------------|
| - Overland transport | No data available |
| - Maritime transport | No data available |
| - Air transport | No data available |
| - Waterway transport | No data available |
| - Rail transport | No data available |

14.7. Transport in bulk according to IMO instruments

Not applicable

TITLE 15 : Regulatory information**15.1. Regulations / legislation for the substance or mixture Safety, health and environment**

US Federal Regulation
VOC content 0%

| | |
|------------------------------|---|
| Components not listed inTSCA | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts (Index No.: - EC No.: 931-513-6 -CAS No.:) |
|------------------------------|---|

| | |
|--|------|
| Substances in TRI (Toxics Release Inventory) | None |
|--|------|

| | |
|---|------|
| US State regulations Substances California PL 65 | None |
|---|------|

Other regulations , restrictions and prohibition regulations

TITLE 16 : Other informations

| | |
|----------------------|-------|
| Other informations : | None. |
|----------------------|-------|

The information contained in this safety data sheet is based on the state of our knowledge on the indicated date. The information given in this sheet should be considered as a description of the product safety requirements, they should not be considered as a warranty or quality specification and have no contractual value on the properties of the product. The information contained in this safety data sheet relates to the specifically designated product, and cannot be valid for a product associated with another product. The conditions or methods of handling, storing, using or eliminating the product are beyond our control and cannot be under our responsibility